NIKHIL RANJAN

DATA SCIENTIST

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SUMMARY

As a Data Scientist with a strong background in Python, Machine Learning, and Deep Learning, I bring a comprehensive skill set and a passion for data-driven problem-solving. My expertise in data analysis and automation, coupled with practical experience in innovative projects, positions me to provide actionable insights and drive efficiency within your team. I am dedicated to leveraging my technical acumen and analytical skills to contribute to your company's growth and success.

PROFESSIONAL EXPERIENCE

Lung Cancer Detection using Machine and Deep Learning
- Developed an intelligent system to accurately detect lung cancer from medical imaging data using advanced Machine Learning and Deep Learning techniques.
- Utilized convolutional neural networks (CNNs) for image classification, including data preprocessing, feature extraction, and model training with cross-validation and hyperparameter tuning.
- Achieved 95% accuracy and gained insights into medical image analysis

Skin Cancer Detection using Machine Learning and Deep Learning
- Developed an advanced system for detecting skin cancer from dermoscopic images using Machine Learning and Deep Learning techniques.
- Employed convolutional neural networks (CNNs) for image classification, incorporating data augmentation, feature extraction, and model training.
- Achieved 93% accuracy in detecting skin cancer and enhanced understanding of dermoscopic image analysis

EDUCATION

Bachelor's of Computer Application   **July 2022 - Present**
Amity University, Patna
- Completed a rigorous program in Data Science, acquiring in-depth knowledge in statistical analysis, machine learning, and data visualization.
- Gained hands-on experience through projects and coursework, developing a strong foundation in both theoretical and practical aspects of data science.

TECHNICAL SKILLS

Python	Scikit-learn	MySQL	GitHub
Pandas	TensorFlow	Seaborn	Tableau
Numpy	Keras	OpenCV	Power BI

TECHNICAL SKILLS

Python for Data Science and AI - Center for Development of Advance Computing (CDAC, Patna)
Machine Learning with Python - FreeCodeCamp Organization

ADDITIONAL INFORMATION

- **Languages:** English, French, Hindi.